

Exercise 2.1 (page 26)

- 1 2 : 5 2 2 : 3 3 7 : 11
4 3 : 13 5 4 : 5 : 7 6 3 : 4 : 6
7 3 : 4 : 7 8 2 : 5 9 5 : 7 : 8
- 10 £15, £20, £25 11 60, 100, 140
12 £50, £150, £250 13 \$24, \$36, \$84
14 24, 48, 60 15 £50, £125, £175
16 £48, £60, £108 17 a) 5 km b) 33.4 cm
18 a) £720 b) £3360
19 a) £960 b) £1600
20 150 g flour, $\frac{3}{8}$ tsp salt, 75 g suet, $\frac{1}{2}$ tsp herbs
21 a) 1 : 250 000 b) 1 : 12 500
 c) 1 : 40 d) 1 : 80 000
22 a) €1627.91 b) \$2.42

Exercise 2.2 (page 29)

- 1 $\frac{2}{5}$ 2 $\frac{9}{25}$ 3 $\frac{1}{20}$ 4 $\frac{3}{10}$
5 $\frac{33}{100}$ 6 $\frac{1}{3}$ 7 $\frac{1}{8}$ 8 $\frac{1}{200}$
9 75% 10 40% 11 30% 12 85%
13 84% 14 95% 15 $87\frac{1}{2}\%$ 16 $7\frac{1}{2}\%$
17 66%, $\frac{2}{3}$, 0.67, 69%, 0.7, $\frac{5}{7}$
18 a) 84% b) 155 c) 71%
19 70% and 71.1% so both scores are about the same
20 20%